

Converting Colors

Hex(5A445D)

Have a look what the booklet for
Hex(5A445D) contains.

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Color

Hex(5A445D)

Conversions

Conversions Part 1

Format	Color
Hex	5A445D
RGB	90, 68, 93
RGB Percent	35%, 27%, 36%
CMY	0.6471, 0.7333, 0.6353
CMYK	0.03, 0.27, 0.00, 0.64
HSL	293°, 16%, 32%
HSV	293°, 27%, 36%
XYZ	8.2594, 7.0982, 11.2907
YIQ	77.4280, 5.0870, 12.4390

Conversions

Conversions Part 2

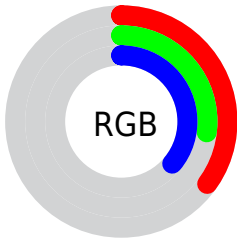
Format	Color
R _Y B	90, 68, 93
Decimal	5915741
CIE Lab	32.03, 14.44, -11.15
CIE LCh	32, 18.247, 322.324
Yxy	7.0982, 0.3099, 0.2664
Android (android.graphics.Color)	4284105821 (0xFF5A445D)
YUV	77.4280, 7.6770, 11.0256
Hunter-Lab	26.6425, 8.7119, -6.4765

Details

The Hex color **5A445D** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **475D44**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **8C748F**, and **2C182F** is the 20% darker color. If you saturate the color by 10%, you get **593B5D**, and if you desaturate by 10%, it is **5B4D5D**.

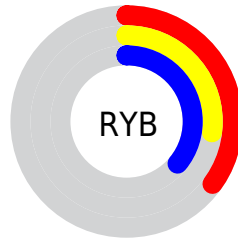
Distribution



 Red (35%)

 Green (27%)

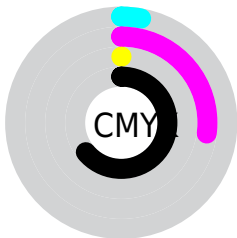
 Blue (36%)



 Red (35%)

 Yellow (27%)

 Blue (36%)

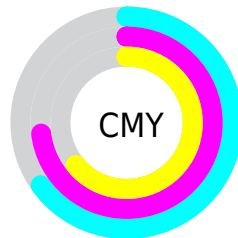


 Cyan (3%)

 Magenta (27%)

 Yellow (0%)

 Black (64%)



 Cyan (65%)

 Magenta (73%)

 Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5A445D changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 5A445D by changing the saturation by 10% instead.

■ 5A445D

■ 5A445D

FFFFFF

■ 422E45

■ 8C748F

■ 2C182F

■ A78EAA

■ 19001B

■ C2A8C5

■ 000000

■ DEC4E1

■ FBE0FE

■ FFCCFF

■ 5A445D

■ 5A445D

■ 593B5D

■ 5B4D5D

■ 58315D

■ 5C575D

■ 57285D

■ 5D605D

■ 561F5D

■ 5E695D

■ 54165D

■ 60725D

■ 530C5D

■ 617C5D

■ 52035D

■ 62855D

■ 52005D

■ 638E5D

■ 64985D

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



484966



5A445D



654150

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



5A445D



59492F



1B5356

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



5A445D



475D44

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



295347



5A445D



4A4E31

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



5A445D



634435



3A5139



1F5162

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



5A445D



684146



3A5139



1F5351

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



5A445D



776E78



44475D



3C373D



BDBDBD



3D3D3D

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



5A445D



735178



5D4454



2D292E



60006E



D100ED

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



5D4447



785156



445D4D



2E292A



6E000D



ED001C

Previews

White Background



This preview shows how the Hex color 5A445D looks on a white background.

Color Contrast Check

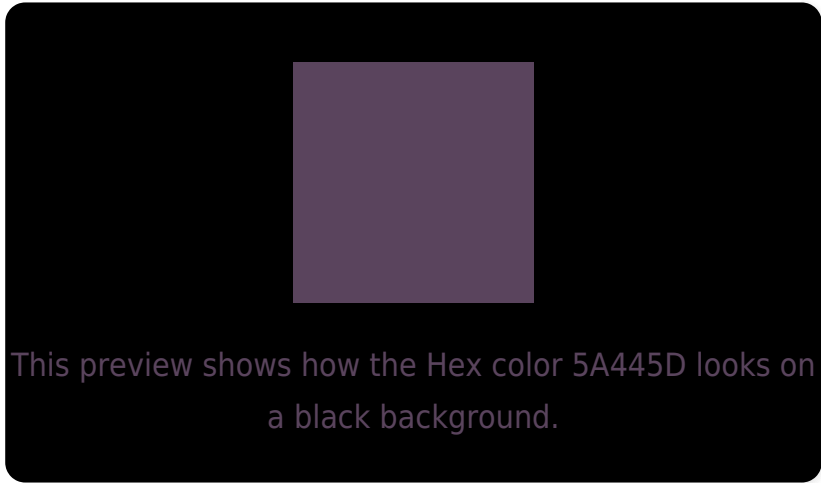
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

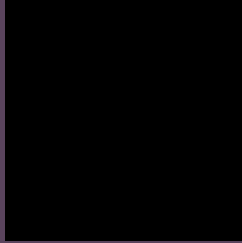
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 5A445D Background



This preview shows how black text looks on a background with the Hex color 5A445D.

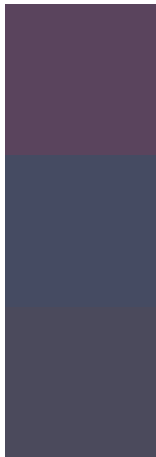


This preview shows how white text looks on a background with the Hex color 5A445D.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

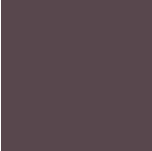
Dichromacy



Original Color
5A445D

Protanopia
454B62

Deuteranopia
4B4A5C



Tritanopia
58474D

Trichromacy



Original Color

5A445D

Protanomaly

4D4860

Deuteranomaly

50485C

Tritanomaly

594653

Monochromacy



Original Color

5A445D

Achromatopsia

4D4D4D

Achromatomaly

524A53

CSS Examples

Text

The CSS property to change the color of the text to Hex 5A445D is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #5A445D looks like.

```
.text, #text, p{  
    color:#5A445D  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #5A445D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A445D
}
```

Border

The CSS property to change the border of an element to Hex 5A445D is called "border". The border property can be set on classes, ids or directly on the HTML element.

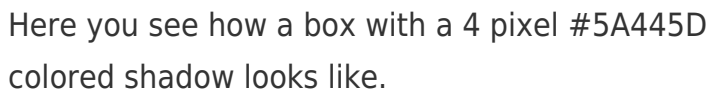
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5A445D }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#5A445D }
```

If you want to add a box shadow in that color use:



Here you see how a box with a 4 pixel #5A445D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A445D; -webkit-box-shadow:4px 4px  
4px 4px #5A445D; box-shadow:4px 4px 4px  
4px #5A445D }
```

Background

The CSS property to change the background color of an element to Hex 5A445D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A445D }
```

If only the background color should be changed can be used:

```
.background{ background-color:#5A445D }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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